

This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method and apparatus for a bandwidth adaptive image compression/decompression scheme comprising:

using a protocol between sender and receiver wherein said protocol calculates bandwidth latency of the connection;

calculating the perceptual degradation of said image for various compression schemes; and

choosing a compression scheme based on the results of said protocol and the results of said calculating the perceptual degradation of said image for various compression schemes;

~~transmitting the most interesting data first;~~
~~discarding repetitious data; and~~
~~calculating the perceptual degradation of said image for various compression schemes.~~

2. (Currently Amended) The method of claim 1 wherein said ~~step of~~ using a protocol is done periodically.

3. (Currently Amended) The method of claim 1 wherein said ~~step of~~ using a protocol is based on a dynamic feedback loop.

4. Cancelled) Please cancel Claim 4, without prejudice.

5. Cancelled) Please cancel Claim 5, without prejudice.

6. (Cancelled) Please cancel Claim 6, without prejudice.

7. (Cancelled) Please cancel Claim 7, without prejudice.

8. (Currently Amended) The method of claim 1 wherein said ~~step of~~ choosing a compression scheme depends, in part, on said scheme that uses CPU time conservatively.

9. (Cancelled) Please cancel Claim 9, without prejudice.

10. (Currently Amended) The method of claim 1 wherein said ~~step of~~ transmitting is decided by a wavelet transform scheme.

11. (Currently Amended) The method of claim 1 wherein said ~~step of~~ discarding is done when said connection is down for a short period of time.

12. (Cancelled) Please cancel Claim 12, without prejudice.

13. (Currently Amended) A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to create a bandwidth adaptive image compression/decompression scheme, said computer product comprising:

computer readable code configured to cause a computer to use a protocol between sender and receiver wherein said protocol calculates bandwidth latency of the connection;

computer readable code configured to cause a computer to calculate the perceptual degradation of said image for various compression schemes; and

computer readable code configured to cause a computer to choose a compression scheme based on the results of said protocol and the results of said calculation of the perceptual degradation of said image for various compression schemes;

~~computer readable code configured to cause a computer to transmit the most interesting data first;~~

~~computer readable code configured to cause a computer to discard repetitious data; and~~

~~computer readable code configured to cause a computer to calculate the perceptual degradation of said image for various compression schemes.~~

14. (Currently Amended) The computer program product of claim 13 wherein said computer readable code configured to

cause a computer to use said protocol is configured to cause said computer to use said protocol periodically.

15. (Currently Amended) The computer program product of claim 13 wherein said computer readable code configured to cause a computer to use said protocol is configured to cause said computer to use said protocol based on a dynamic feedback loop.

16. (Cancelled) Please cancel Claim 16, without prejudice.

17. (Cancelled) Please cancel Claim 17, without prejudice.

18. (Cancelled) Please cancel Claim 18, without prejudice.

19. (Currently Amended) The computer program product of claim 13 wherein said computer readable code configured to cause a computer to choose a compression scheme based on the results of said protocol is configured to cause said computer to choose a compression scheme, in part, depending on said scheme that uses the CPU time conservatively.

20. (Cancelled) Please cancel Claim 20, without prejudice.

21. (Currently Amended) The computer program product of claim 13 wherein said computer readable code configured to cause a computer to transmit the most interesting data first determines said most interesting data ~~is decided~~ by a wavelet transform scheme.

22. (Currently Amended) The computer program product of claim 13 wherein said computer readable code configured to cause a computer to discard repetitious data is configured to cause said computer to discard said repetitious data ~~discards is done~~ when said connection is down for a short period of time.

23. (Cancelled) Please cancel Claim 23, without prejudice.